

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/593,060	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/22 16:19
S2	28	(holger near stenzel).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 17:07
S3	30402	kuraray.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/23 17:07
S4	1	("5332649").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:15
S5	1	("5190706").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:43
S6	5	("4182601"   "4316868"   "4476075"   "5190706"   "5332649").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 07:33
S7	2	S6 and butyral	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 07:33
S8	0	S6 and dynamic	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:40
S9	0	S6 and (filter filtration)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:41
S10	28	(holger near stenzel).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 08:41
S11	9	S10 and butyral	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:41
S12	1	S10 and dynamic	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:42
S13	4	S10 and (filter filtration)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:42
S14	30403	kuraray.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 08:42
S15	0	S14 and melt adj filt\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:42
S16	0	extru5 and melt adj filt\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:43

S17	705	extru\$5 and melt adj filt\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:43
S18	24	extru\$5 and melt adj filt\$6 and (ethyl adj vinyl adj acetate ethylvinyl adj acetate ethyl adj vinylacetate EVA)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:45
S19	4133	extru\$5 and filt\$6 and (ethyl adj vinyl adj acetate ethylvinyl adj acetate ethyl adj vinylacetate EVA)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:49
S20	280	extru\$5 and filt\$6 and (ethyl adj vinyl adj acetate ethylvinyl adj acetate ethyl adj vinylacetate EVA) and "264". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:49
S21	6	extru\$5 and melt near filt\$6 and (ethyl adj vinyl adj acetate ethylvinyl adj acetate ethyl adj vinylacetate EVA) not S18	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:51
S22	0	S6 and filt\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:52
S23	0	S6 and siev\$6	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:53
S24	56	extru\$5 and melt near filt\$6 and filt\$6 near (contamina\$4 impur\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 09:11
S25	619	extru\$5 and dynamic adj mix\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 09:13
S26	18	extru\$5 and dynamic adj mix\$3.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 09:22
S27	4	extru\$5 and dynamic adj mix\$3.ti. and static adj mixer	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 09:23
S28	1	(US-4316868-\$.did.	USPAT	OR	ON	2009/09/24 09:35
S29	856	windshield and butyral and polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:46
S30	1997	windshield and butyral samepolycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:46
S31	349	windshield and butyral same polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:46
S32	247	windshield and butyral with polycarbonate	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 10:46
S33	2014	264/211.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/13 17:02
S34	1	264/211.ccls. and polybutyral	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/13 17:13
S35	110	264/211.ccls. and (window windshield)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/13 17:15
S36	5	(holger near stenzel).in. and acetyl \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:50

S37	2	kuraray.as. and acetyl\$3 with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:51
S38	102	acetyl\$3 with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:52
S39	61	acetyl\$3 with (pvb butyral) with degree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:53
S40	54	degree near2 acetyl\$3 with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:54
S41	164	degree near2 (acetyl\$3 butyral\$3) with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:55
S42	54	degree near2 acetyl\$3 with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 14:56
S43	1	(JP-2003176159-\$).did.	DERWENT	OR	ON	2010/04/27 15:04
S44	109	degree near2 (acetyl\$5 acetyl\$5) with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:17
S45	1	degree near2 (acetyl\$5 acetyl\$5) with (pvb butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:18
S46	3012	degree near2 acetyl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:19

S47	1137	degree near2 acetyl\$3 and polyvinyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:20
S48	170	degree near2 acetyl\$3 with polyvinyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:20
S49	0	degree near2 acetyl\$3 with polyvinyl adj aldehyde	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:20
S50	4	(JP-07314609-\$ or JP-06127982-\$). did. or (JP-2003176159-\$ or JP- 2001048601-\$).did.	JPO; DERWENT	OR	ON	2010/04/27 15:25
S51	806	(butyral acetal) with foam\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:26
S52	243	(butyral acetal) with foam\$3 and (extrud\$3 extrus\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:26
S53	64	polyvinyl adj (butyral acetal) with foam\$3 and (extrud\$3 extrus\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:26
S54	1360587	polyvinyl adj (butyral acetal) with residu\$2 (pvoh alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:32
S55	31	polyvinyl adj (butyral acetal) with residu\$2 near (pvoh alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:32
S56	33	(polyvinyl adj (butyral acetal) aldehyde adj (resin polymer)) with residu\$2 near (pvoh alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 15:33

S57	1	degree near2 acetylat\$3 with polyacetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 16:11
S58	1	("7385005").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/27 16:12
S59	0	butyral with high adj acetyl	JPO; DERWENT	OR	ON	2010/04/27 17:29
S60	0	butyral with high adj acetyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 17:29
S61	22	butyral with acetylated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/27 17:29
S62	1	butyral same extent near acetylat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 10:48
S63	1	acetal same extent near acetylat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 10:48
S64	108	extent near acetylat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 10:49
S65	6278	pvb sameacetylat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 10:53
S66	18	pvb same acetylat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 10:53
S67	30	acetylation same acetalization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 14:22

S68	366	(pvoh polyvinyl adj alcohol) same acetyl same (pvb pvbu polyvinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 14:30
S69	22	acetyl\$5 near (content percent\$3) same (pvb pvbu polyvinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 14:30
S70	2	"jp 2004290488"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 14:35
S71	1	(US-20070014976-\$).did.	US-PGPUB	OR	ON	2010/04/28 14:39
S72	2	"EP 1218690" "JP 200499354" "DE 102004000023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 11:25
S73	1	("20080163977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/30 11:26
S74	4	"EP 1218690" "JP 2004099354" "DE 102004000023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 11:27
S75	1	"EP 1218690"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 11:29
S76	1	("6603539").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/30 11:29
S77	1	("3926918").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/30 14:31
S78	0	("acetylatedadj (pvbpolyvinyladjbutyral)").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/30 14:36
S79	2	acetylated adj (pvb polyvinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:36

S80	0	acetylation adj (pvb polyvinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:37
S81	1	acetylate adj (pvb polyvinyl adj butyral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:37
S82	0	acetylate\$1 adj polyvinyl adj acetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:38
S83	0	acetylating adj polyvinyl adj acetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:38
S84	2	acetyl\$3 near polyvinyl adj acetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:39
S85	619	acetyl\$3 same polyvinyl adj acetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:39
S86	47	acetyl\$3 near (extent degree) same polyvinyl adj acetal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:40
S87	30	(holger near stenzel).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:50
S88	30936	kuraray.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:50

S89	2	(S87 S88) and degree adj acetylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:50
S90	6670	(S87 S88) and degree nearacetylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:50
S91	10	(S87 S88) and degree near acetylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:50
S92	0	(S87 S88) and extent near acetylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:54
S93	46	(S87 S88) and acetylation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/30 14:54
S94	635	366/330.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:16
S95	0	366/330.1.ccls. and static adj mixer	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:17
S96	2310	static adj mixer with pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:18
S97	262	static adj mixer with pump and "264". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/07 14:18
S98	267	pump with static adj mixer and "264". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:04
S99	15	second adj pump with static adj mixer and "264".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:04
S100	22	second adj pump same static adj mixer and "264".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:05



S101	7	S100 not S99	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:05
S102	40	second adj pump with static adj mixer not (S99 S100)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:06
S103	37	static adj mixer with pressure adj drop with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:14
S104	1	(US-20040076704-\$).did.	US-PGPUB	OR	ON	2010/05/08 14:20
S105	167	static adj mixer same pressure adj drop same pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:47
S106	83	static adj mixer with pressure adj drop same pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:47
S107	1327	static adj mixer.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:50
S108	7	static adj mixer.ti. and pressure adj drop with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 14:50
S109	0	(stationary inline) adj mixer with pressure adj drop with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 15:03
S110	4	(stationary inline) adj mixer with pressure adj drop and pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 15:03

## EAST Search History (Interference)

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**5/ 8/ 2010 5:51:34 PM**

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